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Application Number	10/608,851
Filing Date	June 27, 2003
First Named Inventor	Paul E. Amundsen
Confirmation Number	8740
Group Art Unit	3744
Examiner Name	Not Yet Assigned
Attorney Docket Number	0100.2061-003

Title INTEGRATION OF AUTOMATED CRYOPUMP SAFETY PURGE

I/We hereby appoint

☒ the attorneys/agents associated with Customer No. 021005

☐ Practitioner(s) named below:

as my/our attorneys/agents to prosecute the application identified above, including any continuation or divisional applications thereof, and to transact all business in the United States Patent and Trademark Office connected therewith.

The correspondence address for the above-identified application is:

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Please direct all telephone calls and facsimiles to:

Name James M. Smith, Esq. Tel. No. 978-341-0036 Fax No. 978-341-0136

I am the:

☐ Applicant/Inventor.

☒ Authorized representative of the Assignee, Helix Technology Corporation, of the entire interest. See 37 C.F.R. § 3.71. A Statement under 37 C.F.R. § 3.73(b) is enclosed.

☐ Authorized representative of the Assignee, [], together with [], of the entire interest. A Statement under 37 C.F.R. § 3.73(b) is enclosed.

SIGNATURE of Applicant or Assignee of Record

Name & Title Charles G. Chappell, Assistant Secretary

Signature

Date

DECEMBER 9, 2003

STATEMENT UNDER 37 C.F.R. § 3.73(b)Applicant: Paul E. Amundsen, Maureen Buonpane, Doug Andrews, and Jordan JacobsApplication No.: 10/608,851 Filed: June 27, 2003For: INTEGRATION OF AUTOMATED CRYOPUMP SAFETY PURGE

Helix Technology Corporation, a corporation
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is

- A. ☒ the assignee of the entire right, title and interest in the patent application identified above; or
- B. ☐ an assignee together with [] of the entire right, title and interest in the patent application identified above.

The right, title and interest of the above-named assignee in the patent application identified above is established by virtue of:

- A. ☒ An assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel _____, Frame _____, or a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s) of the patent application identified above, to the current assignee as shown below:

1. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at
Reel _____, Frame _____, or a copy thereof is attached.
2. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at
Reel _____, Frame _____, or a copy thereof is attached.
3. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at
Reel _____, Frame _____, or a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Date: December 9, 2003Name: Charles G. ChappellTitle: Assistant Secretary

Signature: _____

COPY JointASSIGNMENT

WHEREAS, we, **Paul E. Amundsen, Maureen Buonpane, Doug Andrews and Jordan Jacobs**, have invented a certain improvement in **INTEGRATION OF AUTOMATED CRYOPUMP SAFETY PURGE** described in an application for Letters Patent of the United States,

- ☐ the specification of which is being executed on even date herewith and is about to be filed in the United States Patent Office (*use for 37 CFR §1.53(b) filings only*);
- ☒ the specification of which was filed on **June 27, 2003** as United States Application No. **10/608,851**;
- ☐ the specification of which is the United States National Stage of International Application No. **[PCT Appl'n No.]**, filed on **[PCT Filing Date]** **[OPTION]** and assigned United States Application No. ☐ ☐ (*use for 35 USC §371 filings only*);
- ☐ which was patented under United States Patent No. ☐ on ☐.

WHEREAS, **Helix Technology Corporation** (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the **State of Delaware**, and having a usual place of business at **Mansfield Corporate Center, Nine Hampshire Street, Mansfield, Massachusetts 02048-9171** desires to acquire an interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue thereon; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts

which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of substitution, reissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals the date set forth below.

Inventor's Signature: _____

Paul E. Amundsen

State/Commonwealth _____

of Massachusetts _____

County of Bristol _____

Then personally appeared before me the above-named **Paul E. Amundsen** and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this 2nd day of September, 2003.

(SEAL)

Rebecca E. Pearson

Notary Public

Rebecca E. Pearson

(print name)

My Commission expires 01 / 16 / 09

Inventor's Signature: _____

Maureen Buonpane

Maureen Buonpane

State/Commonwealth

of Massachusetts

County of Bristol

Then personally appeared before me the above-named **Maureen Buonpane** and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this 2nd day of September, 2003.

(SEAL)

Rebecca E Pearson

Notary Public

Rebecca E Pearson

(print name)

My Commission expires 01 / 16 / 09

Inventor's Signature: _____

Doug Andrews

Doug Andrews

State/Commonwealth

of Massachusetts

County of Bristol

Then personally appeared before me the above-named **Doug Andrews** and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this 4th day of September, 2003.

(SEAL)

Rebecca E Pearson

Notary Public

Rebecca E. Pearson

(print name)

My Commission expires 01 / 16 / 09

Inventor's Signature: _____

Jordan Jacobs

Jordan Jacobs

State/Commonwealth

of Massachusetts

County of Bristol

Then personally appeared before me the above-named **Jordan Jacobs** and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this 2nd day of September 2003.

(SEAL)

Rebecca E Pearson

Notary Public

Rebecca E Pearson

(print name)

My Commission expires 01 / 16 / 09